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13. ABSTRACT (Maximum 200 words) This document provides guidelines and information for investigators who are planning to perform tests in the 2.2 Second Drop Tower research facility which is operated by the Space Experiments Division of the NASA Lewis Research Center. Included are a description of the Drop Tower and guidelines for experiment planning in the following areas: mechanical, electronics, and instrumentation considerations; documentation requirements; safety permit information; and roles and responsibilities of various NASA personnel. A description of test operations, scheduling, and other logistics is also provided. The nature of the Drop Tower operations, which includes hands-on involvement by research personnel, limited space, sharing of resources, and a high level of activity make it a unique facility in which to work. This document has evolved through a consensus of experienced users and is meant to assist investigators in meeting their requirements.				
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